

(7) 10001 S. Western Avenue
Torrance, California 90509-2991
(213) 828-2075

"R" J.A. 89V212000
March 23, 1990

TO: ALL AREA MANAGERS AND SERVICE AND PARTS MANAGERS

SUBJECT: LEXUS SPECIAL SERVICE CAMPAIGN #902

Lexus has identified some additional LS400's that may have been equipped with an early design center high mounted stop lamp housing. To prevent any possibility of an owner experiencing lamp housing distortion, Lexus will notify the owners of these additional involved vehicles.

The following vital information is provided to inform you and your staff of the campaign schedule and your degree of involvement required:

1. Dealer, Owner Notification

- o Dealer notification package mailing date: March 23, 1990
(Copy attached)
- o Owner notification letter mailing date: March 30, 1990

2. Number of Vehicles Involved in Your Area

- o Nationally, there are approximately 1,600 total vehicles involved. Please refer to the enclosed **SEC summary reports** by area/district/dealer for the number of vehicles involved in this campaign in your area.
- o This list may be utilized by your staff for future follow up.

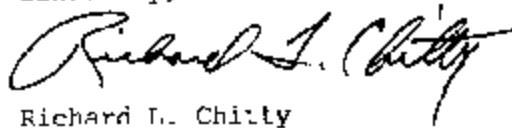
Please review this entire special service campaign package with your staff and make sure that all appropriate personnel are completely familiar with its contents so that they may provide the necessary support to your dealers and maximize our combined customer satisfaction efforts.

Should you require additional information or assistance from Lexus National Headquarters, do not hesitate to contact us.

For technical assistance:	Dale Gordon (213) 781-2517
For parts assistance:	Jerry Marcotti (213) 781-3218
For warranty assistance:	Dale Pettitt (213) 618-4830
For customer relations assistance:	Ray Lindland (213) 781-3219
All media inquiries should be directed to Art Garner (213) 781-3282.	

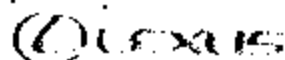
Thank you for the special attention that I know you will all address to this important matter.

Sincerely,



Richard L. Chitty
Corporate Manager
Parts, Service and Customer Satisfaction

Attachment



19001 S Western Avenue
Torrance, California 90509-2991
(213) 328-2075

March 23, 1990

TO: ALL LEXUS DEALERS, SERVICE AND PARTS MANAGERS

SUBJECT: LEXUS SPECIAL SERVICE CAMPAIGN #902

On March 30, 1990, Lexus will mail Special Service Campaign notifications to an additional group of LS400 owners whose vehicles may be equipped with an early design center high mounted stop lamp housing. To eliminate any possibility of lamp housing distortion, you are requested to inspect and, if an early design lamp housing is identified, to replace it with a new assembly.

Enclosed you will find a dealer/owner list for those vehicles in your area that are involved in this campaign. Please use this list for follow up with the owners to ensure that all involved vehicles are corrected.

Note: You will be sent SSC notifications with your dealer's name and address for vehicles which, according to our records, you have in stock. If any vehicles in your stock, involved in this campaign, have been sold to an ultimate customer prior to receipt of this notification, please contact this known customer and perform the necessary repairs.

Vehicles Involved

SSC #	Model	M.Y.	VIN		Production Period
			VDS	VIS	
902 Extension	LS 400	1990	UF11E	0008766 - 10422	10/9/89-10/25/89

Note: Not all vehicles within the above listed frame number ranges were imported into the U.S.A.

Repair Procedures

Refer to the attached Technical Instructions for repair procedures.

Parts Supply

Part #	Description	Quantity Per Vehicle
81570-50011	Center High Mount Stop Lamp Assembly	1

Limit your initial parts order to 10% of the vehicles on your dealer/owner list. Please place orders for additional parts to meet anticipated needs on a daily basis. Do not order parts quantities in excess of your immediate requirements, to do so will cause unnecessary shortages in other areas.

Reimbursement Procedures

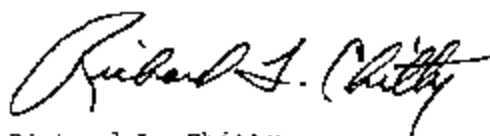
SSC #	Operation Code & Description	Flat Rate Hours
902	High Mounted Stop Lamp Assy.	
	950092 Inspect	0.3
	950091 Replace	0.3

Note: The above operation codes include 0.1 flat rate hour for administrative expenses.

Throughout this Special Service Campaign, please take all possible steps to ensure a positive experience for each and every Lexus owner. This situation affords us all an opportunity to further demonstrate the excellence of Lexus service.

Thank you for your attention to this important matter.

Sincerely,



Richard L. Chitty
Corporate Manager
Parts, Service and Customer Satisfaction

SPECIAL SERVIC- CAMPAIGN #902 - CENTER HIGH MOUNTED STOP LAMP

TECHNICAL INSTRUCTIONS

Note: Before performing this repair, be sure to place a protective cover over the rear seat and headrests.

Tools Required

Snap on Trim Tool #A161A or equivalent
Small Flat Blade Screwdriver/Needle Nose Plier
#2 Phillips Screwdriver
Protective Cloth
Cardboard

Removal of High Mount Stop Lamp

1. Insert a thin cloth between rear window glass and high mount stop lamp to protect the defroster grid.
2. Separate the woofer speaker cover from the package tray trim. (Use the trim panel removal tool and insert and lift in the locations shown by the white arrows in the illustration.)
Note: Place cardboard over the exposed speaker.
3. Disconnect the electrical connector.
Remove woofer speaker cover.
Note: Be careful not to press the brake pedal while the connector is disconnected.

Inspect Lamp Assembly

1. Check letters embossed on lamp housing (indicated by black arrow). If the letters are "PA", reinstall the original lamp assembly. If the letters are "PP", replace the lamp assembly with a new one.

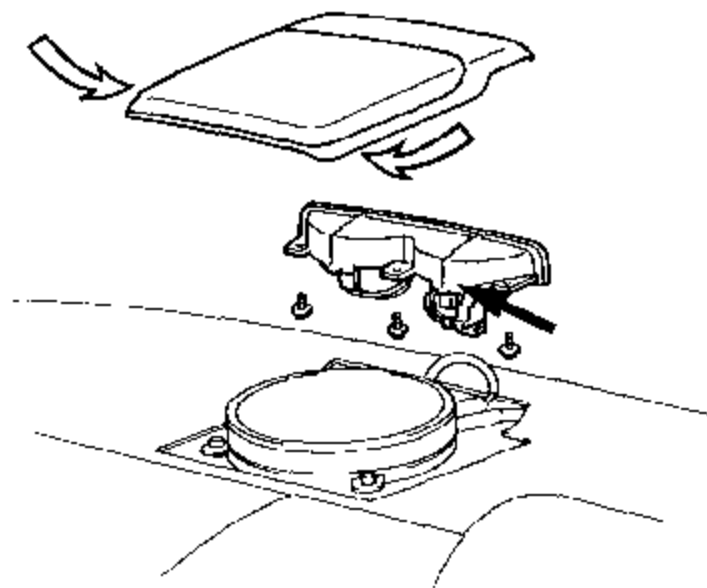
Replace Lamp Assembly

1. Remove the three screws and separate the high mount stop lamp from the woofer speaker cover. Use care when installing new lamp assembly as the lens is a tight fit in the woofer speaker cover.

Installation

Follow the removal procedure in reverse order to carry out installation.

Note: Be sure wire harness/connector does not interfere with the woofer speaker flange.



Completion Label

- o After completing repair and before returning vehicles to the customer, the diagnostic specialist must verify that a SSC completion label is affixed to the left fender inside panel, make sure that the surface is clean and dry to ensure proper adhesion of the label.
- o The label is to be filled out as follows:

Write in SSC #902 →

SSC	Date
TOYOTA MOTOR SALES, U.S.A., INC.	
DEALER CODE NO.	→ Write in your dealer code

00410-01917

- o Additional SSC completion labels (P/N 00410-01917) may be ordered through the non-parts system on a 1450 order form or through the TDN system.

1000 S. Western Avenue
Torrance, California 90501-2490
(213) 328-2475

March 23, 1990

TO: ALL AREA MANAGERS AND SERVICE AND PARTS MANAGERS

SUBJECT: LEXUS SPECIAL SERVICE CAMPAIGN #902

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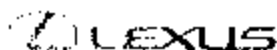
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Sincerely,



Richard L. Chitty
Corporate Manager
Parts, Service and Customer Satisfaction

Attachment



8001 S. Western Avenue
Beverly Hills, California 90209-2991
(310) 229-2977

March 23, 1990

TO: ALL LEXUS DEALERS, SERVICE AND PARTS MANAGERS

SUBJECT: LEXUS SPECIAL SERVICE CAMPAIGN #902

On March 30, 1990, Lexus will mail Special Service Campaign notifications to an additional group of LS400 owners whose vehicles may be equipped with an early design center high mounted stop lamp housing. To eliminate any possibility of lamp housing distortion, you are requested to inspect and, if an early design lamp housing is identified, to replace it with a new assembly.

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902 Extension	LS 400	1990	UF11E	0008766 - 10422	10/9/89-10/25/89

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SPECIAL SERVICE CAMPAIGN #902 - CENTER HIGH MOUNTED STOP LAMP

TECHNICAL INSTRUCTIONS

Note: Before performing this repair, be sure to place a protective cover over the rear seat and headrests.

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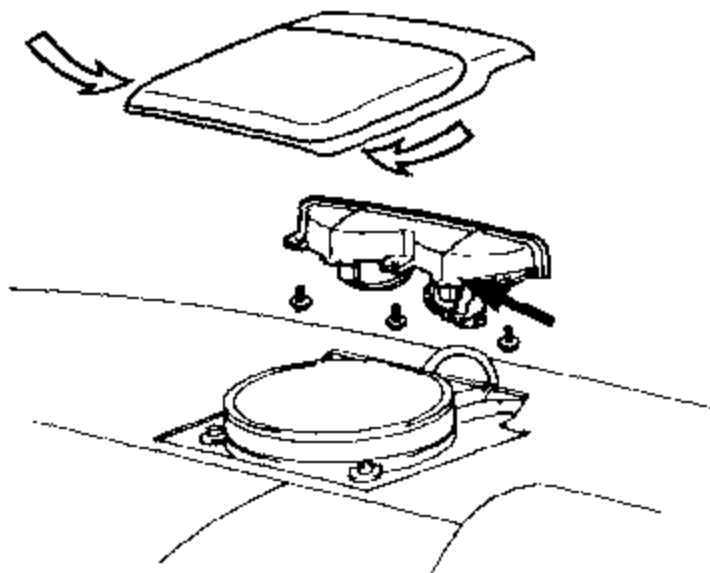
Replace Lamp Assembly

1. Remove the three screws and separate the high mount stop lamp from the woofer speaker cover. Use care when installing new lamp assembly as the lens is a tight fit in the woofer speaker cover.

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SSC	Date
TOYOTA MOTOR SALES U.S.A., INC.	
DEALER CODE NO.	→ Write in your dealer code
00410-01917	

- o Additional SSC completion labels (P/N 00410-01917) may be ordered through the non-parts system on a 1450 order form or through the TDN system.

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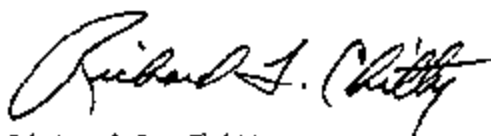
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Thank you for your attention to this important matter.

Sincerely,



Richard L. Chitty
Corporate Manager
Parts, Service and Customer Satisfaction



Warranty Bulletin

#90-28

05-15-90

Title SPECIAL SERVICE CAMPAIGN #902

Please be advised that the extension of the applicable VIN range for the center high mount stop light applies only to that specific Special Service Campaign (SSC #902). The VIN range has not been extended for the cruise control actuator or alternator campaigns (SSC #901 and #903).

Should you have any questions please contact the Dealer "800" Warranty Assistance Line.



U.S. Department
of Transportation

National Highway
Traffic Safety
Administration

Memorandum

Subject: Safety Recall Campaign Supplementary Information

Date: MAR 30 1990

From: Patricia A. Wallace *Pat Wallace*
Technical Analysis Branch

Reply to
Attn: of

cc: A. Jimenez, Chief
Defect Information Branch

We have obtained additional information on the following safety recall campaign which should be entered into our system:

<u>Affected Safety Recall</u>	<u>Manufacturer</u>	<u>Subject</u>
89V-212	Toyota	High mounted stop lamp

New Information:

Number of vehicles involved: 10,234 (increase in the number involved).

Modification Date: March 30, 1990

#



TOYOTA MOTOR CORPORATE SERVICES OF NORTH AMERICA, INC.

WASHINGTON OFFICE

1850 M STREET, N.W., WASHINGTON, D.C. 20036

TEL: (202) 775-1707

FAX: (202) 463-8513

March 23, 1990

RECEIVED

1990 MAR 23 PM 3:07

U.S. DEPARTMENT OF TRANSPORTATION

Mr. Michael B. Brownlee, Director
Office of Defects Investigation, Enforcement
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, D.C. 20590

RE: NHTSA Recall Campaign 89V-212

Dear Mr. Brownlee:

This letter is to inform you of a revision to our Defect Information Report ["DIR"] submitted December 1, 1989, concerning the center high mounted stop lamp of Lexus LS400 model vehicles (NHTSA Recall Campaign ID Number 89V-212).

Since filing the DIR, we have learned that the VIN range of the involved vehicles was incorrect. We are therefore revising the VIN range and total number of involved vehicles.

The correct information is as follows:

VIN VIS Range : 0000001 to 0010422

Total Number of Involved Vehicles : 10,234 units

If you have any questions, please contact Mr. K. Sato of my staff at (202) 775-1707.

Sincerely,

TOYOTA MOTOR CORPORATE SERVICES
OF NORTH AMERICA, INC.

Teiji Iida
Teiji Iida
Vice President

TI:cc

TOYOTA MOTOR CORPORATE SERVICES OF NORTH AMERICA, INC.

WASHINGTON OFFICE
1850 M STREET, N.W., WASHINGTON, D.C. 20036

TEL: (202) 775-1707
FAX: (202) 463-8513

December 1, 1989

8JV-212 (61)

RECEIVED
DEC 4 1989

Mr. Michael B. Brownlee, Director
Office of Defects Investigation, Enforcement
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, D.C. 20590

RE: Defect Information Reports

Dear Mr. Brownlee:

In accordance with the requirements of the National Traffic and Motor Vehicle Safety Act of 1966 and 49 CFR Part 573, we hereby submit Defect Information Reports concerning 1990 model year Lexus LS400 vehicles, on behalf of Toyota Motor Corporation.

Sincerely,

TOYOTA MOTOR CORPORATE SERVICES
OF NORTH AMERICA, INC.

Teiji Iida
Teiji Iida
Vice President

TI:cc
Enclosures

DEFECT INFORMATION REPORT1. Manufacturer Corporate Name:

Toyota Motor Corporation
Toyota-cho, Toyota-city
Aichi-ken, 471 JAPAN

Affiliated U.S. Importing Company:

Toyota Motor Sales, U.S.A., Inc.
19001 South Western Avenue
Torrance, California 90509

2. Identification of Involved Vehicles:

Model	Model Year	VIN		Production Period
		VDS	VIS	
LEXUS LS400	1990	UF11E	0000001 - 0008765	May 1989 - October 1989

Note: Although the involved vehicles are within the above VIN range, not all vehicles in this range were imported into the United States.

3. Total Number of Vehicles Potentially Involved:

8,577 units

4. Percentage of Vehicles Estimated to Contain Defect:

Unknown

5. Description of Defect:

The lamp housing of the center high mounted stop lamp (CHMSL) might become distorted as a result of prolonged illumination of the lamp due to steady brake application, particularly under high ambient temperature conditions. The bulb might move from its original position due to this distortion, which could affect the luminous intensity required in Federal Motor Vehicle Safety Standard 108 for new vehicles.

6. Chronology of Principal Events:

- Sep. 1989: Toyota received a report concerning the distortion of the lamp housing in the CHMSL under high temperature conditions. No accidents or injuries have been reported to Toyota as a result of this distortion.
- Oct. to Nov. 1989: Toyota's investigation revealed that the lamp housing might distort under extremely high temperature conditions, possibly causing bulb movement from its original position.
- Nov. 1989: Because this failure could affect the luminous intensity, Toyota has determined to conduct a safety recall.

7. Description of Corrective Repair Action:

All known owners of the subject vehicles will be notified by first class mail to return the vehicle for replacement of the CHMSL with one containing an improved lamp housing made of a higher temperature resistant material.

8. Recall Schedule:

The owner notification letter will be mailed as soon as parts are available. Copies of the owner notification and dealer instructions will be submitted as soon as they are available.

DEC 6 1989

Mr. Teiji Iida
Vice President
Toyota Motor Corporation Services
of North America, Inc.
1850 M Street, N.W.
Washington, DC 20036

NEF-111jdW
89V-212

Dear Mr. Iida:

This acknowledges receipt of your Defect Information Report submitted in accordance with 49 CFR Part 573, "Defect and Noncompliance Reports."

RECALL CAMPAIGN INFORMATION

NHTSA Recall Campaign ID Number: 89V-212
(Please refer to this number in all future correspondence.)

NHTSA Contact: Mr. Jon White, Chief Telephone: (202) 366-5227
Technical Analysis Branch

Date of Letter: December 1, 1989

Number Being Recalled: 8,577 Toyota Lexus 1990 model LS400 cars
manufactured from May through October 1989.

Subject: The center high mounted stop lamp housing can become distorted through prolonged brake application and consequent lamp illumination. The bulb could move out of position due to the distortion. This movement could affect the luminous intensity of the lamp required by Federal Motor Vehicle Safety Standard No. 108, "Lamps, Reflective Devices, and Associated Equipment."

QUARTERLY STATUS REPORTS

The first quarterly status report for this campaign in accordance with section 573.6 is required to be submitted within 25 working days after the close of the calendar quarter in which owner notification begins. For instance, the current calendar quarter ends on December 31, 1989, and the first quarterly report for recalls where owner notification begins in this quarter is due by February 6, 1990.

CONCURRENCES
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DATE

Please inform this office when owner notification begins, and furnish a copy of the notification documents in accordance with 49 CFR Part 577, entitled "Defect and Noncompliance Notification."

Sincerely,

/s/
James P. Talentino, Chief
Defect Identification Division
Office of Defects Investigation
Enforcement

NHTSA:NEF:001
JWHITE:kjs:65227:12-5-89
cc:NEF-01:NEF-10
NEF-11 Subject/Chron/MurIanka
Document 11101

TOYOTA MOTOR CORPORATE SERVICES OF NORTH AMERICA, INC.

WASHINGTON OFFICE
1850 M STREET, N.W., WASHINGTON, D.C. 20036

TEL: (202) 775-1707
FAX: (202) 463-8513

January 12, 1990

Mr. Michael B. Brownlee, Director
Office of Defects Investigation, Enforcement
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, D.C. 20590

RE: NEF-111jdw
89V-211

Dear Mr. Brownlee:

This is in response to your December 20, 1989 request for additional information concerning Toyota's NHTSA Recall Campaign Number 89V-211.

The requested information is as follows:

- Q.1. Furnish an illustration and description of the defective cruise control actuator representative of that used on the recalled vehicles. The description should include an identification of where the failure occurs. Furnish an illustration and description of the corrective action design.

Response 1:

Figure 1 shows the structure of the subject cruise control actuator. The force controlling the throttle opening is transmitted to the throttle body from the motor through the worm gear, helical gear, electromagnetic clutch, pinion gear, sector gear, control arm and cable.

A defective cruise control actuator may not release from its most recent setting, due to the possible presence of a machining bur in the clutch plate hole of the electromagnetic clutch from the machining process.

Figure 2 shows the cross-section of the subject cruise control actuator, the operation mechanism of the electromagnetic clutch and the location of the possible machining bur.

The machining bur elimination process was added in the machining process as the corrective action.

Mr. M.B. Brownlee
January 12, 1990
Page 2

Q.2. Identify the address of the supplier of the suspect cruise control actuators. Identify by name and title, the chief executive officer or corporate representative familiar with this matter.

Response 2:

Supplier: NIPPONDENSO CO., LTD.
1-1 Showa-cho, Kariya-shi
Aichi-Ken, JAPAN 448

Contact Person: Kazuhide Naruki
Executive Senior Managing Director

Q.3. Identify whether Toyota utilizes cruise control actuators similar to the recalled actuators installed in the Lexus LS400, in other Toyota vehicles.

Response 3:

The subject cruise control actuator is utilized for 1990 Lexus LS400 only.

A similar actuator will be utilized for the new 1991 Toyota MR2 model, but all such actuators will have been produced after the production line change.

Should you have any questions regarding this response, please contact Mr. K. Sato of my staff at (202) 775-1707.

Sincerely,

TOYOTA MOTOR CORPORATE SERVICES
OF NORTH AMERICA, INC.

Teiji Iida
Teiji Iida
Vice President

TI:cc

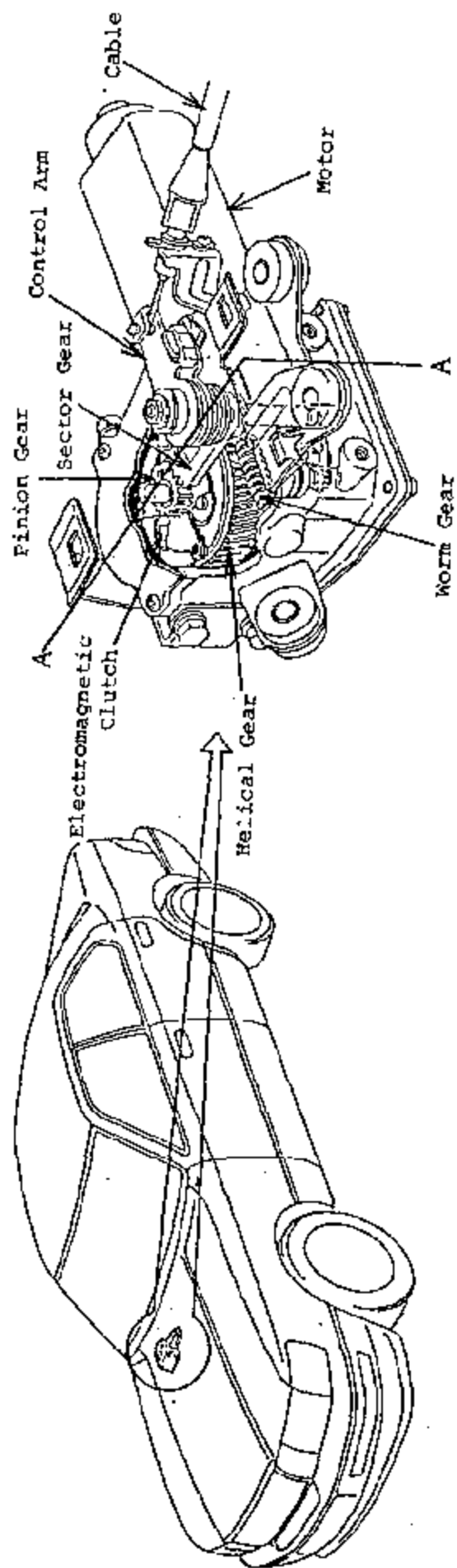
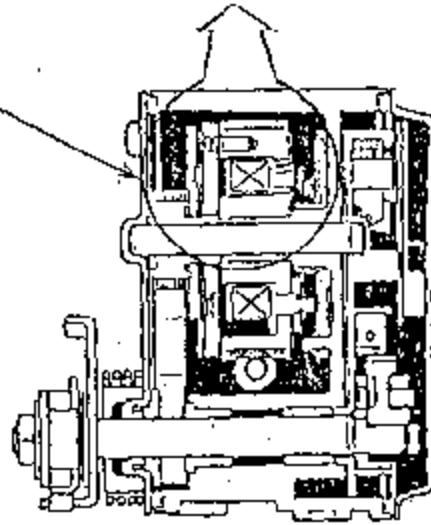
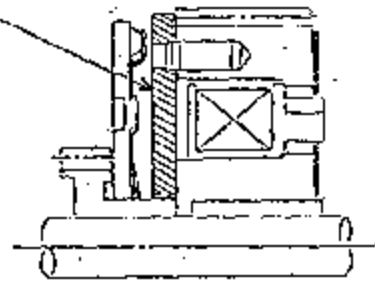


Fig.1

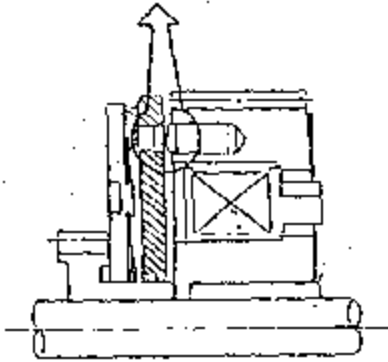
Failure Part
(Electromagnetic Clutch)



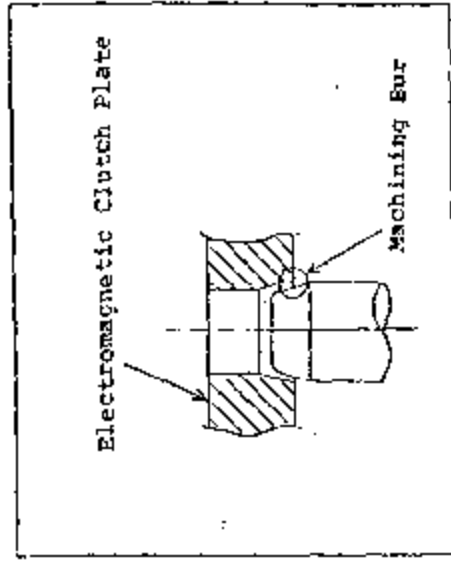
Electromagnetic Clutch Plate



Set



Release



A - A Cross Section

Fig.2

TOYOTA MOTOR CORPORATE SERVICES OF NORTH AMERICA, INC.

WASHINGTON OFFICE
1850 M STREET, N.W., WASHINGTON, D.C. 20036

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Contact Person: Kazuhide Naruki
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Vice President

TI:cc

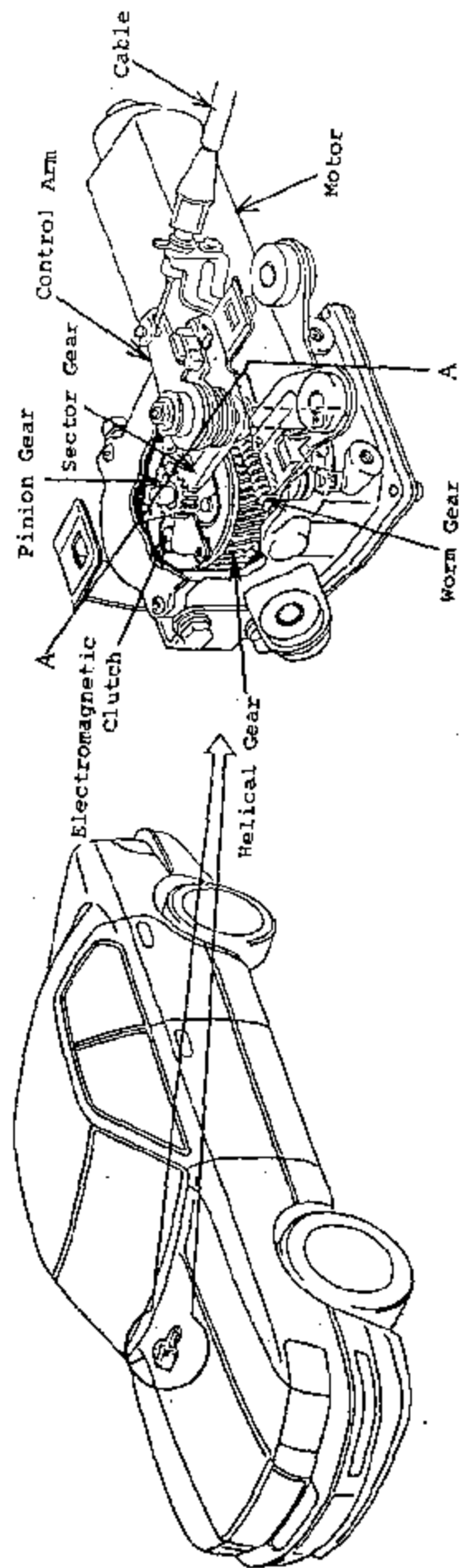
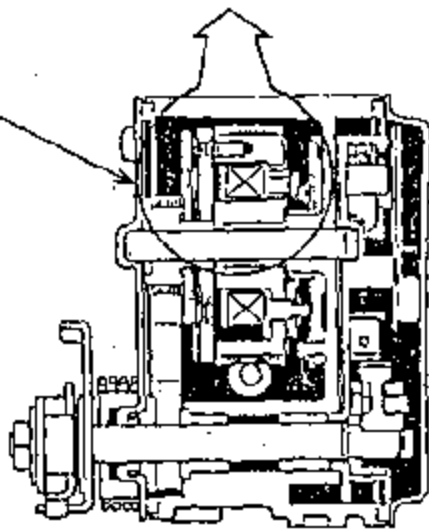
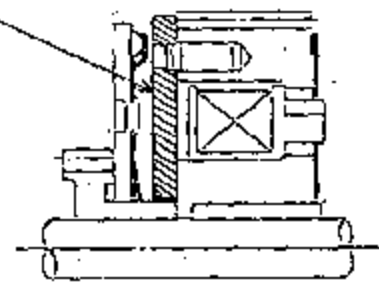


Fig.1

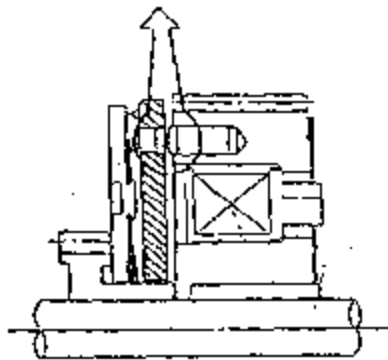
Failure Part
(Electromagnetic Clutch)



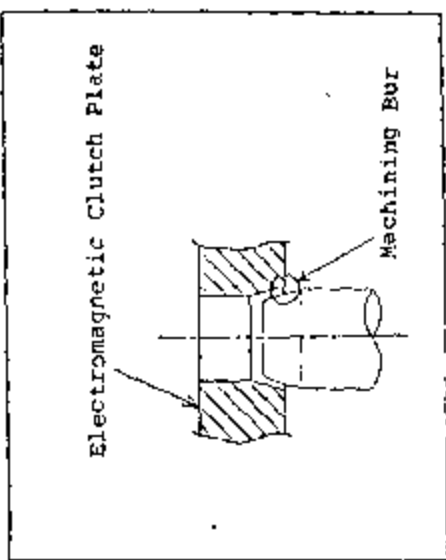
Electromagnetic Clutch Plate



Set



Release



A - A Cross Section

Fig.2